



EV 459414856

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**PATENT -08/975,940**  
Attorney's Docket No. SST/816

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re application of: Alfred D. Commins et al

Conf. No. 1225

Application No.: 08/975,940

Examiner: MAI, Lanna

Filed: November 21, 1997

Art Unit: 3637

For: BUILDING WALL FOR RESISTING LATERAL FORCES

**MAIL STOP RCE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

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Signed: \_\_\_\_\_

Charles R. Cypher

**INFORMATION DISCLOSURE STATEMENT SUBMITTED WITH A REQUEST FOR CONTINUED EXAMINATION FILED PRIOR TO PAYMENT OF THE ISSUE FEE**

Prosecution in the above-identified application is closed, as the Patent Office has issued a Notice of Allowance. This is a request for continued examination, accompanied by the appropriate fee and this submission, prior to payment of the Issue Fee. The submission constitutes an Information Disclosure Statement only. No changes to the claims are requested.

Applicant believes that no extension of time is required; however, this is a conditional petition and authorization to pay the necessary fees under 37 CFR §1.36(a) to provide for the possibility that Applicant has inadvertently overlooked the need for a petition and fee for extension of time.

Applicant submits herewith patents, publications or other information, of which Applicant is aware that Applicant believes may be material to the examination of this application, and in respect of which, there may be a duty to disclose. The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

This information disclosure statement is accompanied by Form PTO/SB/08 (substitute for Form PTO-1449) and legible copies of all cited patent documents and non-patent literature listed in said form.

The person making this certification is the practitioner who signs below on the basis of the information supplied by the inventor(s) and in the practitioner's file.

This Information Disclosure Statement is being filed with a Request for Continued Examination under 37 C.F.R. § 1.114 and the requisite fee under 37 CFR §1.17(e).

While no further fee is believed to be due for this paper, if this belief is in error, the Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-4075 (Atty. Dkt. No. SST/0816).

Respectfully submitted,

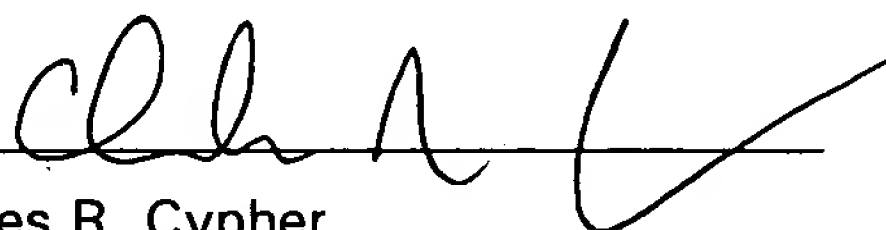
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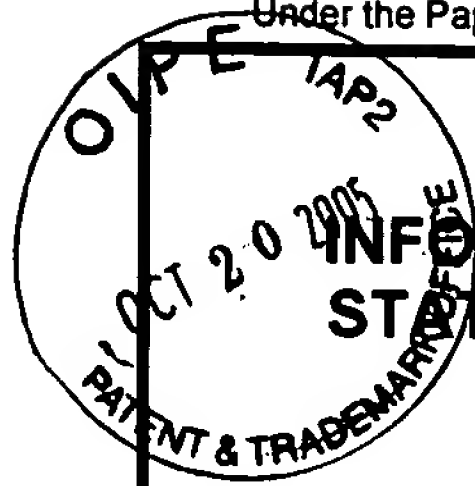
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(MODIFIED)**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	08/975,940
Filing Date	11/21/1997
First Named Inventor	Alfred D. Commins
Group Art Unit	3627
Examiner Name	Mai, Lanna
Attorney Docket Number	SST/0816

Sheet 1 of 2

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US- 2002/0002806A1	01-10-2002	Commins et al.	
	A2	US- 2002/0020122 A1	02-21-2002	Mueller	
	A3	US- 2003/0009964 A1	01-16-2003	Trarup et al.	
	A4	US- 2004/0068947A1	04-15-2004	Commins et al.	
	A5	US- 2,271,584	02-03-1942	Fellom	
	A6	US- 4,037,281	07-26-1977	Reynolds	
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	A22	US- 6,327,831 B1	12-11-2001	Leek	
	A23	US- 6,668,508 B2	12-30-2003	Boone et al.	
	A24				
	A25				

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	B1	WO 96/02713	02-01-1996	Paul, Arthur J.		
	B2					
	B3					
	B4					
	B5					

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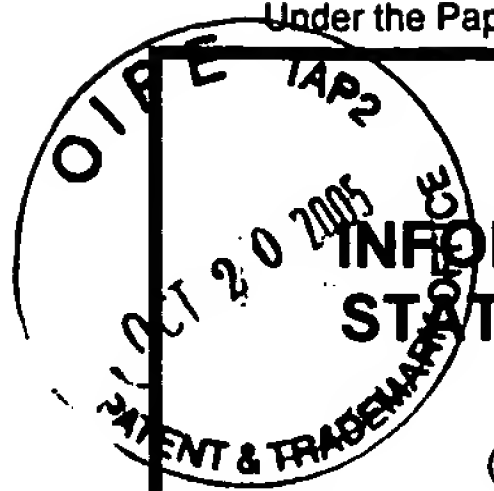
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Examiner Name	Mai, Lanna
Attorney Docket Number	SST/0816

Sheet	2	of	2
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**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	C1	"BULLDOG Timber Connectors. Develop Full Strength of Timber Members at Connections", Product brochure. Publication date unknown, received in the offices of James R. Cypher October 24, 1997, BULLDOG A/S, Oslo, Norway	
	C2	"BULLDOG Steel Safety Timber Connectors." Product data. 1938. O. Theodorsen, C. E., Oslo, Norway	
	C3	"Hurri-Bolt Uplift Solutions. The Truss Tie-Down That Will Blow You Away. Engineering Manufacturing & Installation. SBCCI Report #9910," Product brochure. Publication date unknown; received in the offices of James R. Cypher July 28, 1999. Hurri-Bolt Uplift Solutions, Inc. Tampa, Florida	
	C4	Evaluation Report ER-5467. Rayco Earthquake Mitigation Anchor System. November 1, 1998. ICBO Evaluation Service, Inc., Whittier, California	
	C5	Evaluation Report PFC-5342. Hard Frame, Hardy Frame Heavy Duty, 18-Inch Hard Braced Frame and Hardy Frame Screw. September 1, 1999. ICBO Evaluation Service, Inc. Whittier, California	
	C6	MBR TDSsystem "Typical Component Installation Details." Installation instructions and product data. June 9, 1993, MBR Systems, South San Francisco, California	
	C7	PROBOLT, "Structural Tie Down System." Product data sheet, installation instructions, and SBCCI Report No. 9916. 1999. PROBOLT, Orlando, Florida	
	C8	"Seismic Solutions Structural Tie Downs. Quake-Tie. The Superior Hold-Down Solution." Product brochure and data sheet. January 1998. "Memorandum re Calculation of Wood Shrinkage for Proposed Quake-Tie Hold-down System Consideration." January 20, 1997. SEISMIC SOLUTIONS, Glen Ellen, California	
	C9	"Simplified Structural Systems. Makers of The Hardy Frame." Product brochure. December 1, 1999. Simplified Structural Systems, Ventura, California	
	C10	"Simpson Strong-Tie Connectors. Strong-Wall Shearwall." Product data. 1999. Simpson Strong-Tie Company, Inc., Pleasanton, California	
	C11	"Simpson Strong-Tie Connectors. Strong-Wall Shearwall." Installation guide. 2001. Simpson Strong-Tie Company, Inc., Pleasanton, California	
	C12	"MKP Monkey Paw Anchor Bolt Holders." "LBP/BP Bearing Plates." "RFB Retrofit Bolts." <i>Wood Construction Connectors</i> . Catalog C-96. 1995. Simpson Strong-Tie Company, Inc., Pleasanton, California. Page 19.	
	C13	DUNKLEY, D.. "Prefab Shear Walls." <i>The Journal of Light Construction</i> . Vol. 18, No. 3. December 1999. pp. 46-53.	
	C14	"Every Home Needs Z-Walls. The Strongest Shear Wall in the Smallest Space." Product brochure. Date unknown. KC Metal Products, Inc. San Jose, California	
	C15	"ZWALL Shear Walls. Strength Where You Need It." Product data on-line. Retrieved from the internet June 13, 2001 from URL: <a href="http://www.z-wall.com/photo15.htm">http://www.z-wall.com/photo15.htm</a> , <a href="http://www.z-wall.com/photo7.htm">http://www.z-wall.com/photo7.htm</a> , and <a href="http://www.z-wall.com/diag15.htm">http://www.z-wall.com/diag15.htm</a>	
	C16	FOLIENTE, G.C., ed. <i>Earthquake Performance and Safety of Timber Structures</i> . Forest Products Society. Madison, Wisconsin. 1997. (See in particular: KARALIC, M. "Analysis of Performance of Floors and Shear Walls with the New Engineered Bracing Systems," pp. 115-124 and COMMINS, A. et al., "Effect of Hold-Downs and Stud-Frame Systems on the Cyclic Behavior of Wood Shear Walls," pp. 142-146)	

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